

**Water-based Hydrophilic Coating Compositions  
and Articles Prepared Therefrom**

**Abstract of the Invention**

5           A water-based coating composition suitable for preparing hydrophilic surfaces  
on various articles is provided which includes a supporting polymer having functional  
moieties capable of undergoing crosslinking reactions, said supporting polymer  
soluble in or emulsified in an aqueous based medium; and a hydrophilic polymer,  
said hydrophilic polymer associated with the supporting polymer. The composition  
10 is characterized in that, when crosslinked at the functional moieties, the supporting  
polymer forms a three-dimensional network which substantially minimizes  
disassociation of the hydrophilic polymer.

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